

To: Elias, Mike[Elias.Mike@epa.gov]
Cc: Craig Voros[cvoros@glec.com]
From: Greg Smith
Sent: Thur 2/11/2016 8:51:36 PM
Subject: Re: FW: Elias, Mike has invited you to 'Cadmium'
Cadmium NODA tables 02.11.16 cmv.xlsx

;;;;;Mike

The values below include all the acceptable data from Roberts et al. (1982).

The new values for the Mysid (*Americamysis bahia*), the Sheepshead minnow (*Cyprinodon variegatus*) and the Atlantic silverside (*Menidia menidia*) did not change the FAV (only the Sheepshead minnow had a new SMAV, but it retained the same generic rank).

The attached Excel file shows the changes (the changes made today are highlighted yellow).

Thanks
Greg

On 2/11/2016 3:33 PM, Elias, Mike wrote:

Could we calculate the acute and chronic criteria using ALL of the acceptable new estuarine/marine data in the Roberts et al. paper, but with and without N. integer? Thanks

From: Greg Smith [mailto:gsmith@glec.com]
Sent: Thursday, February 11, 2016 2:24 PM
To: Elias, Mike
Cc: Craig Voros
Subject: Re: FW: Elias, Mike has invited you to 'Cadmium'

Hi Mike

Here are the requested values:

The previous 2015 draft document (with N. integer, without N. americana):

FAV=69.62;
CMC=34.81;
FCV=8.397

2016 draft with N. americana replacing N. integer (so no N. integer):

FAV=66.25;
CMC=33.13;
FCV=7.991

2016 draft with both N. americana and N. integer:
FAV=67.24;
CMC=33.62;
FCV=8.110

Thanks
Greg

On 2/11/2016 7:29 AM, Elias, Mike wrote:

Thank you Greg. Please give me numbers with N. Americana added. For comparison purposes, could I please get the numbers with and without N. integer included?

Mike

From: Greg Smith [<mailto:gsmith@glec.com>]
Sent: Wednesday, February 10, 2016 3:56 PM
To: Elias, Mike
Cc: Craig Voros
Subject: Re: FW: Elias, Mike has invited you to 'Cadmium'

Mike

We have obtained a copy of the Roberts paper (attached: Roberts, M.H.; Warinner, J.E.; Tsai, C.F.; Wright, D.; Cronin, L.E. 1982. Comparison of Estuarine Species Sensitivities to 3 Toxicants. Archives of Environmental Contamination and Toxicology 11(6), 681-692)

and per our review, the *Neomysis americana* data are acceptable for criteria derivation (as well as data for some other species).

So the saltwater FAV (and CMC) will change slightly, as will the FCV and CCC.

Greg

On 2/9/2016 2:18 PM, Elias, Mike wrote:

Sent the invite. Please let me know that you can get in.

From: Elias, Mike

Sent: Tuesday, February 09, 2016 2:17 PM
To: gsmith@glec.com
Cc: Elias, Mike
Subject: Elias, Mike has invited you to 'Cadmium'

Here's the site that Elias, Mike shared with you.

Go to [Cadmium](#)

[Follow](#) this site to get updates in your newsfeed.